



PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/757,267		
		Filing Date	01-14-2004		
		First Named Inventor	Kumar et al.		
		Art Unit	2873		
		Examiner Name	Stultz		
Sheet	1	of	1	Attorney Docket No.	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>[Signature]</i>		2005/0146680 A1	07-07-2005	Muisener et al.	351/163
<i>[Signature]</i>		2005/0012998 A1	01-20-2005	Kumar et al.	359/494
<i>[Signature]</i>		2005/0004361 A1	01-06-2005	Kumar et al.	544/71
<i>[Signature]</i>		2005/0003107 A1	01-06-2005	Kumar et al.	420/61
<i>[Signature]</i>		6,245,399 B1	06-12-2001	Sahouani et al.	420/1.31
<i>[Signature]</i>		6,049,428	04-11-2000	Khan et al.	359/491
<i>[Signature]</i>		5,903,330	05-11-1999	Fünfschilling et al.	349/129
<i>[Signature]</i>		4,977,028	12-11-1990	Goepfert et al.	420/426
<i>[Signature]</i>		4,865,668	09-12-1989	Goepfert et al.	420/156/74
<i>[Signature]</i>		4,648,925	03-10-1987	Goepfert et al.	156/153
<i>[Signature]</i>		2,544,659	03-13-1951	Dreyer	359/491
<i>[Signature]</i>		2,481,830	09-13-1949	Dreyer	359/491

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>[Signature]</i>		WO 2005/085912 A1	09-15-2005	Essilor International		
<i>[Signature]</i>		WO 2005/084826 A1	09-15-2005	Essilor International		

Examiner Signature	<i>[Signature]</i>	Date Considered	12/15/05
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/757,267		
		Filing Date	January 14, 2004		
		First Named Inventor	Kumar et al.		
		Art Unit	2673		
		Examiner Name	Not Assigned <i>SH/LZ</i>		
Sheet	1	of	4	Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,361,706	01-02-1968	Morawether et al.	
		4,168,043	08-28-1979	Uhlmann et al.	
		4,367,170	01-04-1983	Uhlmann et al.	
		4,229,474	07-24-1981	Balgorod	
		4,556,605	12-03-1985	Mogami et al.	
		4,756,973	07-12-1988	Sakagami et al.	
		4,873,026	10-10-1989	Behre et al.	
		4,873,029	10-10-1989	Blum	
		4,931,220	06-05-1990	Haynes et al.	
		5,130,353	07-14-1992	Fischer et al.	
		5,185,390	02-09-1993	Fischer et al.	
		5,389,698	2-14-1995	Chigrinov et al.	
		5,602,881	2-11-1997	Schadt et al.	
		5,645,767	07-08-1997	Van Cement	
		5,658,501	08-19-1997	Kumar et al.	
		5,698,141	12-16-1997	Kumar	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² -Number ³ -Kind Code ⁴ (if known)			
		WO 89/11674	11-30-1989	Plessey Overseas Limited	
		WO 90/77559	12-21-2000	PPG Industries, Inc.	
		WO 01/02449	04-11-2001	PPG Industries, Inc.	
		WO 01/55950	8-2-2001	Rolic AG	
		WO 02/29489	4-11-2002	Alphamicro, Inc.	
		WO 02/058921	8-1-2002	Alcal, Incorporated	
		WO 03/019270	3-6-2003	Kim, Su-Jin	
		EP 1 203 867 A1	5-8-2002	Rolic AG	

Examiner Signature	<i>[Signature]</i>	Date Considered	12/15/05
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 19 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/757,267
				Filing Date	January 14, 2004
				First Named Inventor	Kumar et al.
				Art Unit	2973
				Examiner Name	Not Assigned Stu H Z
Sheet	3	of	4	Attorney Docket Number	1905A1

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Examiner Signature	<i>Jessie A</i>	Date Considered	12/15/05
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		Application Number	10/757267
		Filing Date	January 14, 2004
		First Named Inventor	Kumar et al.
		Art Unit	2873
		Examiner Name	Not Assigned
Sheet 4 of 4	Attorney Docket Number	1905A1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		THOMAS BACHELS, et al., "Novel Photo-Aligned LC-Polymer Wide-View Film for TN Displays", <u>Eurodisplay</u> , (2002), pgs. 183-186.	
		HUBERT SEIBERLE, CARSTEN BENECKE and THOMAS BACHELS, "Invited Paper: Photo-Aligned Anisotropic Optical Thin Films," <u>SID 03 Digest</u> , SID (2003), pgs. 1162-1165.	

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Examiner Signature	<i>Jessie A</i>	Date Considered	12/15/05
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Substitute for form 1449A/PTO SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/757,267		
		Filing Date	01-14-2004		
		First Named Inventor	Kumar et al.		
		Art Unit	2873		
		Examiner Name	Stultz		
Sheet	1	of	1	Attorney Docket No.	1905A1

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		2005/0146680 A1	07-07-2005	Muisener et al.	
		2005/0012998 A1	01-20-2005	Kumar et al.	
		2005/0004361 A1	01-06-2005	Kumar et al.	
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		6,245,399 B1	06-12-2001	Sahouani et al.	
		6,049,428	04-11-2000	Khan et al.	
		5,903,330	05-11-1999	Fünfschilling et al.	
		4,977,028	12-11-1990	Goepfert et al.	
		4,865,668	09-12-1989	Goepfert et al.	
		4,648,925	03-10-1987	Goepfert et al.	
		2,544,659	03-13-1951	Dreyer	
		2,481,830	09-13-1949	Dreyer	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ² -Number ¹ -Kind Code ² (if known)				
		WO 2005/085912 A1	09-15-2005	Essilor International		
		WO 2005/084826 A1	09-15-2005	Essilor International		

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		Application Number	10/757,267
		Filing Date	January 14, 2004
		First Named Inventor	Anil Kumar et al.
		Art Unit	1712-2873
		Examiner Name	Jessica Stultz
Sheet	1	of	5
		Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)			
		2,319,826	05-24-1943	Land	
		2,334,446	11-16-1943	Serrell	
		2,475,921	07-12-1949	Smith	
		3,276,316	10-04-1966	Makas	
		3,653,863	04-04-1972	Araujo et al.	
		4,039,254	08-02-1977	Harsch	
		4,043,637	08-23-1977	Hovey	
		4,190,330	02-26-1980	Berberman	
		4,549,894	10-29-1985	Araujo et al.	
		4,637,896	01-20-1987	Shannon	
		4,728,173	03-01-1988	Toth	
		4,756,605	07-12-1988	Okada et al.	
		4,810,433	03-07-1989	Takayanagi et al.	
		4,838,673	06-13-1989	Richards et al.	
		4,863,763	09-05-1989	Takeda et al.	
		4,974,941	12-04-1990	Gibbons et al.	
		5,204,850	06-18-1991	Broer et al.	
		5,067,795	11-26-1991	Senatore	
		5,073,294	12-17-1991	Shannon et al.	
		5,155,607	10-13-1992	Inoue et al.	
		5,180,470	01-19-1993	Smith et al.	
		5,189,448	02-23-1993	Yaguchi	
		5,202,853	04-13-1993	Shannon	
		5,247,377	09-21-1993	Omeis et al.	
		5,464,669	11-07-1995	Kang et al.	
		5,608,567	03-04-1997	Grupp	
		5,644,416	07-01-1997	Morikawa et al.	
		5,943,104	08-24-1999	Moddel et al.	

Previously considered
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				Application Number	10/757,267
				Filing Date	January 14, 2004
				First Named Inventor	Anil Kumar et al.
				Art Unit	1742 2873
				Examiner Name	Sto 172
Sheet	2	of	5	Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
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		Number - Kind Code ² (if known)			
		6,160,597	12-12-2000	Schadl et al.	
		6,284,418 B1	09-04-2001	Trantolo	
		6,334,681 B1	01-01-2002	Perrott et al.	
		6,369,869 B2	04-09-2002	Schadl et al.	
		6,717,644 B2	04-06-2004	Schadl et al.	
		US2002/0090516A1	07-11-2002	Loshak et al.	
		US2002/0180916A1	12-05-2002	Schadl et al.	

Previously
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		Application Number	10757,267		
		Filing Date	January 14, 2004		
		First Named Inventor	Anil Kumar et al.		
		Art Unit	4712 2873		
		Examiner Name	Stoltz		
Sheet	3		5	Attorney Docket Number	1905A1

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		EP 0 397 263 B1		12.21.1994	N.V. Philips' Gloeilampenfabrieken		
		EP 0 331 233 B1		04.23.1997	Philips Electronics N.V.		
		EP 0 488 164 A2		26.11.1991	Hitachi, Ltd.		
		EP 0 543 678 A1		05.26.1993	Nippon Oil Co., Ltd		
		EP 0 772 069 A1		23.10.1996	Rolic AG		
		EP 1 162 482 A2		12.12.2001	Mitsubishi Gas Chemical Company, Inc.		
		EP 1 394 595 A1		03.03.2004	Mitsubishi Gas Chemical Company, Inc.		
		JP 59 135428 A (Abstract)		08.03.1984	Toshiba Corp.		
		JP 03 200218 A (Abstract)		09.02.1991	Toyola Central Research & Development Lab Inc.		
		JP 03 200118 A (Abstract)		09.02.1991	Toyola Central Research & Development Lab Inc.		
		GB 2 169 417 A		07.09.1986	Olympus Optical Co. Ltd. Japan		
		GB 583,842		01.01.1947	International Polaroid Corporation		
		WO 97/22894		26.06.1997	Sofa International Holdings Ltd.		
		WO 98/19207 (Abstract)		05.07.1998	Carl-Zeiss-Siftung		
		WO 00/19252		04.06.2000	Intel Corporation		
		WO 03/032066 A1		17.04.2003	E-Vision LLC		

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Examiner Signature	<i>Jessie A</i>	Date Considered	12/15/05
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		Filing Date	January 14, 2004
		First Named Inventor	Anil Kumar et al.
		Art Unit	1742 2873
		Examiner Name	Stoltz
Sheet 4	5	Attorney Docket Number	1905A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		KVASNIKOV, E.D., KOZENKOV, V.M., AND BARACHEVSKII, V.A., "Birefringence in Polyvinylcinnamate Films Induced By Polarized Light," <u>Doklady Akademii nauk SSSR</u> , Vol. 237, No. 3, USSR pp. 633-636 (1977).	X
		KOZENKOV, V.M., CHIGRINOV, V.G., AND KWOK, H.S. "Photoanisotropic Effects in Poly (Vinyl-Cinnamate) Derivatives and Their Applications," <u>Mol. Cryst. Liq. Cryst.</u> , Vol. 409, pp. 251-267 (2004).	
		HIKMET, R.A.M and de WITZ, C., "Gel Layer for Inducing Adjustable Pretilt Angles in Liquid Crystal Systems," <u>J. App. Phys.</u> , Vol. 70, No. 3, pp. 1265-1266 (August 1991).	
		SCHADT, Martin et al. "Surface-Induced Parallel Alignment of Liquid Crystals by Linearly Polymerized Photopolymers," <u>Jpn. J. Appl. Phys.</u> Vol. 31, No. 7, pp. 2155- 2164 (July 1992).	
		SCHADT, Martin "Optics and Applications of Photo-Aligned Liquid Crystalline Surfaces," <u>Nonlinear Optics</u> , Vol. 25, pp.1-12 (2000).	
		SCHADT, Martin "Liquid Crystal Displays and Novel Optical Thin Films Enabled by Photo-Alignment," <u>Mol. Cryst. Liq. Cryst.</u> Vol. 364, pp. 151-169 (2001).	
		DYADYUSHA, A.G. et al. "Light-Induced Planar Orientation of a Nematic Liquid Crystal on an Anisotropic Surface without Microrelief," <u>Ukr. Fiz. Zhurn.</u> (Ukraine), Vol. 35, No. 5, pp. 1059-1062.	X

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		Application Number	10/757,267	
		Filing Date	January 14, 2004	
		First Named Inventor	Anil Kumar et al.	
		Art Unit	1742 2873	
Examiner Name	SH HZ			
Sheet	5	5	Attorney Docket Number	1905A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		CASTELLANO, Joseph A. "Surface Anchoring of Liquid Crystal Molecules on Various Substrates," <u>Mol. Cryst. Liq. Cryst.</u> , Vol. 94, pp. 33-41 (1983).	
		HUANG, D.D. et al. "Effect of Aligning Layer Thickness on Photo-Aligned Ferroelectric Liquid Crystal Displays," <u>Proceedings of the 6th Chinese Optoelectronics Symposium, Hong Kong China, IEEE (New York)</u> , pp. 231-234 (2003).	
		CHIGRINOV, V.G. and KOZENKOV, V.M., "New Results on Liquid Crystal Alignment by Photopolymerization," <u>Proceedings of the SPIE- The International Society for Optical Engineering, SPIE Vol. 2409</u> pp. 130-140 (1995).	

Previously
considered
on 7/5/05
MJD
dated
8/22/05
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Examiner Signature	JSDA	Date Considered	12/15/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.